

What is claimed is:

1. A unit detachable connectable to an apparatus which includes an electric power source, comprising:

a communication device, arranged to transmit electric power consumption information of said unit to said apparatus which includes the electric power source; and

a control device, arranged to effect control so that an operation mode of said unit is switched to a mode for reducing power consumption thereof, in accordance with a control signal supplied from said apparatus in response to the electric power consumption information transmitted thereto by said communication device.

2. A unit according to claim 1, wherein said apparatus which includes the electric power source is arranged so as to be detachably connectable to a plurality of units and supply electric power to each of said plurality of units.

3. A unit according to claim 1, wherein said communication device transmits information obtained by said unit to said apparatus in addition to the electric power consumption information of said unit.

4. A unit according to claim 3, wherein said unit is an image pickup unit, and wherein the information

obtained by said unit is an image pickup data of the image pickup unit.

5. A control method of a unit which is detachably connectable to an apparatus which includes an electric power source, comprising the steps of:

transmitting electric power consumption information of said unit to said apparatus which includes the electric power source; and

effecting control so that an operation mode of said unit is switched to a mode for reducing power consumption thereof, in accordance with a control signal supplied from said apparatus in response to the electric power consumption information transmitted thereto in said transmitting step.